

## BIBLIOGRAPHY

C. FITZHUGH TALMAN, Meteorologist in Charge of Library

## RECENT ADDITIONS

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies:

Behler, Albert.

Die unperiodischen Temperaturschwankungen von längerer Dauer an der Westseite Europas und der Ostseite Nord-Amerikas im Zusammenhang mit der Luftdruckverteilung. Hamburg. 1922. 29 p. plates (fold.) 29 cm. (Aus dem Archiv der deutschen Seewarte. 40. Jahrg. 1922. H. 3.)

Bosch y Avilés, Joaquín.

Determinación aproximada de la situación del vórtice y de la trayectoria de los ciclones. [With translation.] p. 113-117, 8 figs. 27 cm. (Bol. observ. nac. v. 20, Junio, 1924.) [Habana.] [Algunas conclusiones del Dr. Julio Jover sobre los ciclones tropicales del Este de las Antillas Menores y de la parte oriental del Mar Caribe. p. 111-112. Bound with same.]

Boxer, Stanley V.

Hankow weather guide. Being an analysis of Hankow weather from 1916 to 1925, compiled from readings taken at Griffith John College, near Hankow. With a foreword by Dr. A. H. Skinner. Hankow. [1926.] 38 p. figs. table (fold.) 25½ cm.

Braak, C.

Het klimaat van Nederlandsch-Indië. (The climate of the Netherlands Indies). Deel 2, aflev. 1. Sumatra. (With English summary.) Batavia. 1925. v. p. figs. plates. 27½ cm.

Brazil, Directoria de meteorología.

Instructions and information upon: (I)—Wireless meteorological reports of the Brazilian coast. (II)—Rio's special messages including detailed forecasts for the south coast of the state of Rio de Janeiro and general forecasts for the rest of the southern Brazilian coast up to Buenos Ayres. (III)—National and foreign ships cooperative meteorological service. (IV)—Specifications of the international codes. n. p. 1924. 11 p. 28 cm.

Calwagen, Ernst G.

Zur diagnose und prognose lokaler Sommerschauer. Aerologische Flugzeugaufstiege in Ostnorwegen. Oslo. 1926. 124 p. plates. 31 cm. (Geofysiske publikationer, v. 3, no. 10.)

Coblentz, W. W.

Frost flowers, the result of exudation of ice from the stems of plants. p. 682-684. illus. 30 cm. [Amer. forests & forest life, Wash., v. 31, Nov., 1925.]

Czoernig-Czernhausen, Walther.

Die Eishöhlen des Landes Salzburg und seiner bayrischen Grenzgebirge. Salzburg. 16 p. plates. 23 cm. (Sonderab.: Mitteil. Gesellsch. Salzburger Landeskunde. 64. Jahrg. 1924.)

Dorsey, N. Ernest.

Lightning stroke. p. 87-93. 25½ cm. (Repr.: Journ. Wash. acad. sci., v. 16, Feb. 19, 1926.)

Eredia, Filippo.

Sul clima continentale delle valli e pendici del versante Sudanico dell'Eritrea. 1. Chenaenà. Roma. 1925. 15 p. 24 cm. (Boll. di inform. econ., 1925, n. 5.)

Fleming, J. A.

Magnetic and electric survey of the earth: its physical and cosmical bearings and development. p. 109-132. figs. 25½ cm. (Repr.: Journ. Wash. acad. sci., v. 16, no. 5, March 4, 1926.)

France. Office national météorologique.

Extraits des mémoires de Lavoisier concernant la météorologie et l'aéronautique. Paris. n. d. 229 p. illus. plate. port. 24½ cm.

Gates, Frank C.

Evaporation in vegetation at different heights. p. 167-178. 25½ cm. (Amer. journ. bot., v. 13, March, 1926.)

Ginestous, G.

Étude climatologique du Golfe de Tunis en vue de l'aéronautique et de l'aviation. Tunis. 1925. x, 218 p. figs. 25 cm.

Gorczyński, Ladislas.

Breve reseña sobre observaciones de radiación solar y aparatos termoeléctricos registradores. Importancia de su estudio en la República Mexicana. Tacubaya. 1926. 18 p. plate. 23 cm.

Great Britain. Meteorological office.

Meteorological observer's handbook . . . 1926 edition. London. 1926. viii, 136 p. illus. plates. 24½ cm. M. O. 191. (1926.)

Gruner, P.

Beiträge zur Kenntnis der Dämmerungs-Erscheinungen und des Alpenglühens. II. Historisch-chronologische Übersicht der ausser-schweizerischen Beobachtungen und Veröffentlichungen über Dämmerungen, atmosphärisch-optische Störungen und andere damit verwandte Erscheinungen. Zürich. 1925. viii, 190 p. 32½ cm. (Denkschr. Schweiz. Naturforsch. Gesellsch. Bd. 62, Abh. 1.)

Hamburg. Deutsche Seewarte.

Aus dem Arbeitsbereiche der Deutschen Seewarte in Hamburg. Die Förderung des Verkehrs. Hamburg. 1925. 48 p. figs. plates. 26½ cm.

Hoxmark, Guillermo.

La evolución de la meteorología. Buenos Aires. 1925. 30 p. figs. 26 cm. (Evolución de las ciencias en la República Argentina. no. 13.)

Kassner, Carl.

Wölken und Niederschläge. 2e., verb. Aufl. Leipzig. 1926. 163 p. illus. 18½ cm.

Kessler, Paul.

Das eiszeitliche Klima und seine geologischen Wirkungen im nicht vereisten Gebiet. Stuttgart. 1925. 210 p. illus. 24½ cm.

Kidson, Edward.

Some periods in Australian weather. Melbourne. [1925.] 33 p. figs. 31 cm. (Comm. Australia. Bur. met'y, Melbourne. Paper 1, extract from bull. no. 17.)

Komarnitzky, S.

Die klimatischen Elemente im Flussgebiet des Dniepr oberhalb Kyjiw und seiner einzelnen Gebietsanteile während des Zeitraumes 1909-1917. Bearbeitetes Beobachtungsmaterial für die Zeit 1876-1908 beigegeben. Kyjiw. 1925. 44 p. fig. 26 cm. [Résumé in German.] (Ukrainischer meteorologischer Dienst, Ukrmet. B. 3, lif. 1. Material zur geophysikalischen charakteristik der Ukraine.)

McAdie, Alexander G.

Man and weather. Cambridge. 1926. 5, 99 p. front. plates. 20 cm.

Malsch, Wolfgang.

Die Schneeverhältnisse in Baden. Karlsruhe. 1923. 16 p. tables (fold.) 26 cm.

Meinardus, W.

Über den Wasserhaushalt der Antarktis. 1. Mitteilung. p. 184-192. 23½ cm. (Nachr. Gesellsch. der Wissensch. zu Göttingen. Math.-phys. Kl. 1925.)

Mordoff, R. A.

Climate of New York state. Ithaca. 1925. 38 p. figs. 23 cm. (Cornell univ. agric. exper. sta. Bull. 444, Oct., 1925.)

Navarrete, Julio Bustos.

La radiación solar y las lluvias en la zona central de Chile desde 1850 hasta 1925. Santiago de Chile. n. d. 2 p. diagrs. 27½ cm.

Penck, Albrecht.

Glazialgeologische Beobachtungen in den bayerischen Hochalpen. Alte Breccien und junge Krustenbewegungen in den bayerischen Hochalpen. Die Eiszeit in den bayerischen Hochalpen. p. 301-371. illus. 25½ cm. (Sitzungsber. preuss. Akad. der Wissensch. 1925. 17. Sitzung phys.-math. Klasse vom 14. Mai. Mitteilung vom 12. März.)

Platania, Giovanni.

Nozioni de meteorologia e oceanografia ad uso degli istituti nautici e dei navigatori. Napoli. 1926. xii, 156 p. figs. plates. 25½ cm.

Poisson, Ch.

La pluie à Tananarive. p. 604-607. fig. 32½ cm. [Journ. off. de Madagascar et dépendances. 40e année. N. S. 2 août, 1924.]

Robertson, H. H.

Robertson ventilation data book. 2nd ed. Pittsburgh. [c1925.] 47 p. illus. 28½ cm.

- Schmauss, August.** Wetterkunde und Landwirtschaft. 2e., neubearb. Aufl. Berlin. 1925. 38 p. figs. 23 cm. (Landwirtschaftliche Hefte. H. 7.)
- Schneiderhan, F. J.** Apple disease studies in northern Virginia. Blacksburg. 1926. 35 p. illus. 23 cm. (Va. polytech. inst. Va. agric. exper. sta. Bull. 245. Feb., 1926.) [Weather, p. 23-28.]
- Semerád, A.** Konstanty aneroïdu. (Les constantes de l'anéroïde holistique.) Brnë. n. d. 7 p. figs. 30 $\frac{1}{2}$  cm.
- Setoh, Shoji, & Toriyama, Yotsuo.** Effect of atmospheric humidity on the dielectric losses and power factors in fibrous insulating materials. Tokyo. 1926. p. 283-323. figs. 26 cm. (Sci. papers Inst. phys. & chem. research no. 45. v. 3, Jan., 1926.)
- Shaw, Napier.** Physical structure of the atmosphere regarded from the dynamical point of view. Delft. 1925. 12 p. figs. plates. 27 cm. (Proc. internat. cong. applied mech. Delft (Holland) 22nd-28th Apr., 1924.) (Reprint.)
- Sifontes, Ernesto.** El régimen de la lluvia en Venezuela años de 1923 y 1924. Caracas. 1925. 14 p. 22 $\frac{1}{2}$  cm.
- Simpson, G. C.** Climatic changes. p. 129-141. 26 cm. [Nineteenth century, London. v. 99, Jan., 1926.]
- Stenquist, David.** Etude des courants telluriques. Stockholm. 1925. 79 p. figs. 31 $\frac{1}{2}$  cm.
- Stenz, Edward.** O teorii aktynometru i o pomiarach górskich promieniowania słonecznego. Sur la théorie de l'actinomètre et sur les mesures de la radiation solaire dans les montagnes. Lwów. 1925. p. 462-479. figs. 24 cm. (Extr.: "Kosmos" Journ. soc. Polonaise natur. "Copernik." v. 50, fasc. 2-3. A. 1925.) [Résumé in French.]
- Stenz, E[dward] & Orkisz, H.** Spostrzeżenia pyrheliometryczne w Karpatach Wschodnich w latach 1924 r. Observations pyrhéliométriques faites dans les Carpates Orientales durant l'été de l'année 1924. Lwów. 1925. p. 421-461. illus. 24 cm. (Extr.: "Kosmos" journ. soc. Polonaise natur. "Copernik." v. 50, fasc. 2-3. A. 1925.) [Résumé in French.]
- Störmer, Carl.** Les aurores boréales (in Société française de physique. Le livre du cinquantenaire de la . . . Paris. 1925. p. 127-143. figs. plates.)
- Washington forest fire association.** Eighteenth annual report. 1925. Seattle. n. d. 34 p. illus. 23 $\frac{1}{2}$  cm. [Fire weather forecasts, p. 12. Weather conditions, p. 23.]
- Western society of engineers.** Report on effects of tornado of March 18, 1925. Also suggestions in regard to design of structures. By the officers of bridge and structural section Western society of engineers. p. 373-396. illus. 23 cm. (Journ. of the West. soc. eng. Tech. papers. v. 30, Sept., 1925.)
- Westinghouse electric & manufacturing co.** Autovalve lightning arrester. East Pittsburgh. n. d. 15 p. illus. 28 cm.
- Wigand, Albert.** Luftelektrische Untersuchungen bei Flugzeugaufstiegen. Berlin. 1925. 52 p. illus. 25 $\frac{1}{2}$  cm. (Fortschritte der Chemie, Physik und physikalischen Chemie. Bd. 18, H. 5. Serie B.)
- 
- RECENT PAPERS BEARING ON METEOROLOGY**
- The following titles have been selected from the contents of the periodicals and serials recently received in the library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.
- Aéronautique, Paris. 8. année. Février 1926.**
- Lindholm, F.** La précision de la mesure des records d'altitude. p. 75-78.
- American meteorological society. Bulletin. Worcester, Mass. v. 6. December, 1925.**
- France, James G.** Seasonal forecasting and its value to the agriculturist in San Diego County. p. 180-181. [Abstract.]
- Rowe, Edgar Alan.** The value of long range rainfall forecasting to irrigation and water supply projects in Southern California, from an engineering standpoint. p. 180. [Abstract.]
- Wilstam, A.** Application of the Scripps institution's seasonal forecasts of rainfall from ocean temperatures to forecasting seasonal water power supply for the hydro-electric plants of the Southern California Edison company. p. 179. [Abstract.]
- Annalen der Hydrographie und maritimen Meteorologie. Berlin.**
- Meissner, Otto.** Der jährliche Gang des Wasserstandes der Ostsee. p. 190-191. (52. Jahrg. August 1924); p. 29-30. (53. Jahrg. Januar 1925); p. 258-261. (August 1925); p. 388-396. (Dezember 1925.)
- Brandt, Eigenartige Isolinien.** p. 402-403. (53. Jahrg. Dezember 1925.)
- Lübbe, Hermann.** Grösse und jährliche Schwankung des Luftdruckgradienten in Deutschland. p. 379-388. (53. Jahrg. Dezember 1925.)
- Castens, Gerhard.** Wüstenwinde, Kaltwasser-Auftrieb und Nautik. p. 22-25. (54. Jahrg. Januar 1926.)
- Schuster, F.** Mond und Wetter. p. 19-22. (54. Jahrg. Januar 1926.)
- Astronomie. Paris. 40. an. Février 1926.**
- Tombelle, F. de la.** Coloration vert émeraude de l'atmosphère au lever du soleil. p. 90-91.
- Astrophysical journal. Chicago. v. 63. March 1926.**
- Adams, Walter S., & St. John, Charles E.** An attempt to detect water-vapor and oxygen lines in the spectrum of Mars with the registering microphotometer. p. 133-137.
- Ceylon journal of science. Section E. Colombo. v. 1, pt. 1. January 14, 1926.**
- Bamford, A. J.** Cyclonic movements in Ceylon. p. 15-37.
- Jameson, H.** The heavy rains over Ceylon of September 29th-30th, 1924. p. 39-47.
- Engineering news-record. New York. v. 96. March 25, 1926.**
- Melting snow on terminal tracks of Illinois Central R. R.** p. 486-487.
- Farm journal. Philadelphia. v. 50. April, 1926.**
- Hurd, Willis Edwin.** Fog. p. 110.
- France. Académie des sciences. Comptes rendus. Paris, t. 182. 1926.**
- Cotton, A.** Une observation d'une aurore boréale le 9 mars. p. 671. (15 mars.)
- Deslandres, H.** Aurore boréale et perturbation magnétique du 9 mars 1926 à l'observatoire de Meudon. p. 669-671. (15 mars.)
- Besson, Louis.** Influence de la température d'un mois sur celle du mois suivant. p. 796-798. (22 mars.)
- Platrier, Charles.** Vents périodiques et rafales critiques pour la flexion des pylônes haubanés. p. 763-765. (22 mars.)
- Franklin institute. Journal. Philadelphia. v. 201. April, 1926.**
- Dorsey, N. Ernest.** Lightning. p. 485-496.
- Geografiska annaler. Stockholm. Årg. 7. H. 4. 1925.**
- Ångström, Anders.** The albedo of various surfaces of ground. p. 323-342.
- Geographical review. New York. v. 16. April, 1926.**
- Chu, Co-Ching.** Climatic pulsations during historic time in China. p. 274-282.
- Jefferson, Mark.** A new map of world rainfall. p. 285-290.
- Marmer, H. A.** Sea level in relation to atmospheric pressure. p. 346-347. [Review of three recent publications.]
- Géographie. Paris. t. 45. Janvier-février 1926.**
- Reclus, P.** Les variations du climat aux époques géologiques. p. 1-17.
- Rouch, J.** Orages et tempêtes dans Chateaubriand. p. 70-74.
- Gesellschaft für Erdkunde zu Berlin. Zeitschrift. Berlin. 1925. no. 9-10.**
- Jaeger, Fritz.** Untersuchungen über das diluviale Klima in Mexiko. p. 366-373.
- Hemel en dampkring. Den Haag. 24 jaargang. Maart 1926.**
- Cannegister, H. G.** Temperatuuruitesten in de bovenlucht. p. 81-93.
- Cannegister, H. G.** De toestand van den dampkring boven Soesterberg in Januari 1926. p. 83-86.
- Pinkhof, M.** De halo van 23 December 1925. p. 86-90.
- Időjárás. Budapest. v. 30. Január-február 1926.**
- Dalmady, Z. von.** Tropenklima und Tropenkrankheiten. p. 27-28.
- Steiner, L.** Zur barometrischen Höhenformel. p. 28-30.
- Inland printer, Chicago. v. 77. April, 1926.**
- Air-conditioning a plant for colorwork.** p. 91-93.